

Date: Sat, 27 Mar 93 04:30:02 PST
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #81
To: packet-radio

Packet-Radio Digest Sat, 27 Mar 93 Volume 93 : Issue 81

Today's Topics:

 Internet Gateway
 Packet Radio via CB????
 RFD: rec.radio.amateur reorganization

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 26 Mar 1993 18:46:59 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!
darwin.sura.net!sgiblab!spies!wicat!keithm@network.UCSD.EDU
Subject: Internet Gateway
To: packet-radio@ucsd.edu

My office mates and I are preparing to put in a packet/internet
gateway in our office. We have an ethernet connection in the office
and would like to gateway this to packet (probably on 2m).

I have a few questions that are un answered at this point, but mostly
what I would like is to correspond via e-mail to someone who has done
this.

My current thoughts are to use the KA9Q NOS as the gateway running
on a spare 286 PC that we have. I understand that NOS can talk
to a KISS mode TNC as well as to ethernet, but may require Clarkson
drivers for the ethernet. Do these drivers come with NOS? If not
can I FTP them from somewhere?

Anyone care to elmer me through this project?

Thanks!

--

Keith McQueen, Wicat Systems Inc. , (801)224-6400	My opinions are
Packet: n7hmf @ nv7v.UT.USA.NA	all mine...
Internet: keithm@wicat.com	...so there!

Date: 26 Mar 93 16:58:08 GMT

From: ogicse!uwm.edu!zaphod.mps.ohio-state.edu!news.acns.nwu.edu!uicvm.uic.edu!
u40241@network.UCSD.EDU

Subject: Packet Radio via CB????

To: packet-radio@ucsd.edu

Well, I did experiment with packet CB (in an RF screen room, of course) ;}
About five years ago, I took a pair of cheapie CB sets, and noting that the
rules about control CB channels seemed vague about actual type acceptance-
not about compliance with parameters- for this non-voice service in the U.S.,
I proceeded to do the following: 1. turn down the compression pot to "no
compression"; 2. turn down the modulation pot to about 50% max AM modulation;
3. carefully remove tin cover from the pll xtal wafer and using a soft pencil
eraser remove enough silver plating from quartz wafer to raise resonant fq
just 3 khz-- this locked the channels in the cheapie (Uniden?) rigs up 10 khz.
Thus channel one became in reality channel two, or QSY up 10khz, thus bringing
the radio control channels into range of the sets. 4. plug TNC into mike jack
and set level for best waveform on RF envelop. 5. calibrate TNC's for good
measure on 1200 baud. Worked like a champ!

At that time, Volunteers In Technical Assistance was working in Mengistu's
Ethiopia trying to set up a packet network using "appropriate technology". I
considered proposing this method as the dirt-cheap way but never got in touch
with them and didn't find time to get involved. A friend working for the State
Department in Addis Ababa says they apparently never got off the ground with
this project as he sees no evidence of it now. Still a good idea for 4th world
grass-roots and low budgets.

73's. Jim

Date: 26 Mar 1993 10:50:20 -0500

From: bounce-back@uunet.uu.net

Subject: RFD: rec.radio.amateur reorganization

To: packet-radio@ucsd.edu

REQUEST FOR DISCUSSION

REORGANIZATION OF REC.RADIO.AMATEUR

This request for discussion is the beginning of the newsgroup creation process outlined in GUIDELINES FOR NEWSGROUP CREATION, which can be found in news.groups. Because of the high volume of traffic in rec.radio.amateur.misc, a mail list was created (with an open invitation posted to the newsgroup) to discuss the issue. This RFD is in response to two problems that were identified by the mail list.

- 1) rec.radio.amateur.misc has a daily traffic volume which is too high for most people to follow on a regular basis.
- 2) rec.radio.amateur.packet needs to be renamed due to the growth of other digital modes besides packet on amateur radio.

30-DAY DISCUSSION PERIOD

The newsgroup creation guidelines require a 30-day discussion period. All comments which are to be considered toward this discussion must take place on the news.groups newsgroup. For that reason, this RFD contains the header line "Followup-To: news.groups" so that replies will only go there.

This discussion period is not a voting period. If the discussion period shows that there is sufficient support, the process will continue on to a 21-31-day voting phase, which will be described in a Call for Votes (CFV) article.

Modifications may be made to the proposal during the current discussion phase. Once a CFV is posted, the proposal at that time may only be approved or rejected. No modifications will be made during the vote.

Comments and discussion posted to rec.radio.amateur.misc and rec.radio.amateur.packet cannot be considered official. However, users of the Info-Hams and Packet-Radio mailing lists, which are linked to these newsgroups, cannot access news.groups. So discussion of how to handle the mail lists may take place there on an unofficial basis. This unofficial procedure is being acknowledged in the RFD because no alternative exists for the mail list users. Users must remember 1) the process does not require any action on articles posted outside news.groups and 2) final authority for the mail lists lies with their administrators.

NEWSGROUP REORGANIZATION PROPOSAL

The scope of this RFD is the newsgroups within the rec.radio.amateur hierarchy. Other newsgroups (even others under rec.radio) are not a subject of this RFD. The CFV following this RFD, if a CFV is issued, will not propose any changes

outside of rec.radio.amateur.

The current newsgroups are as follows:

[all the following groups are unmoderated]

rec.radio.amateur.misc	Amateur radio practices, contests, events, etc.
rec.radio.amateur.packet	Discussion about packet radio setups
rec.radio.amateur.policy	Radio use & regulation policy

In determining a reorganization of rec.radio.amateur which frees some of the traffic from the single newsgroup rec.radio.amateur.misc, the members of the reorganization mail list considered the following guidelines which the participants in this discussion are also asked to consider:

- * More is not necessarily better. Several newsgroups were proposed and then dropped because the traffic levels on those subjects do not warrant their own newsgroup. (examples: video, repeaters, antennas)
- * We were not trying to use new newsgroups as a place to discard unwanted subjects. With as large an audience as rec.radio.amateur has, everyone would want to discard some subjects somewhere so WE DID NOT CONSIDER THAT A VALID REASON TO CREATE A NEWSGROUP. There is no rec.radio.amateur.cw in this proposal because the productive areas of that subject fit better within r.r.a.operating and r.r.a.instruction. Most of the heated arguments about morse code requirements will still belong in r.r.a.policy under this proposal. All newsgroups in this proposal were justified by sustained traffic volume in that topic. A borderline case (emergency services) was decided in its favor because it is part of the purpose of amateur radio, as much as experimentation is.

The proposed reorganization of rec.radio.amateur would result in the following groups: [all the following proposed groups are unmoderated]

Newsgroup name	description
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rec.radio.amateur.misc	all Ham radio topics not covered below i.e. video, stories, humor, new topics [no modification to existing newsgroup]
rec.radio.amateur.policy	regulations & policy issues [no modification to existing newsgroup]
rec.radio.amateur.digital.misc	packet radio & other digital modes [includes old rec.radio.amateur.packet]
rec.radio.amateur.digital.tcp-ip	TCP/IP via packet radio
rec.radio.amateur.operating	Operating procedures and questions: DX, CW, contests, propagation, repeaters
rec.radio.amateur.products	manufactured equipment, modifications
rec.radio.amateur.instruction	Ham radio instruction & examination
rec.radio.amateur.construction	homebrewing & experimentation
rec.radio.amateur.space	amateur radio in space: satellites, earth-moon-earth (EME), shuttle, MIR

rec.radio.amateur.emerg-services emergency services: RACES, ARES, NTS

Under this proposal, rec.radio.amateur.packet will become an alias for rec.radio.amateur.digital.misc, which is intended to replace it.

An alternate proposal, aimed at having fewer newsgroups, found some support in the reorganization mail list. It is presented here as a potential alternative for use in the discussion, as a gauge of which one the rec.radio.amateur community prefers. It amends the proposal as follows:

Newsgroup name	description
rec.radio.amateur.tech	Technical discussions about Ham Radio: construction, satellites, theory, examinations, video, repeaters [unmoderated] [this replaces r.r.a.instruction, r.r.a.construction, and r.r.a.space, plus taking all technical topics from r.r.a.misc]

REFERENCES

If any users wish to see a transcript of the discussion on the reorganization mail list which led up to this RFD, it is available for anonymous FTP at charon.amdahl.com (129.212.11.1) in /pub/radio/amateur/rra-reorg.log.1.Z (160K+ after decompression.)

The mail list was created after a public invitation to join that was posted with worldwide distribution. The following people chose to participate:

ehare@arrl.org (Ed Hare KA1CV)
ikluft@uts.amdahl.com (Ian Klufft KD6EUI)
jmaynard@oac.hsc.uth.tmc.edu (Jay Maynard K5ZC)
brian@nucleus.amd.com (Brian McMinn N5PSS)
mark@ve6mgs.ampr.ab.ca (Mark Salyzyn VE6MGS)
steve@matt.ksu.ksu.edu (Steve Schallehn KB0AGD)
pschleck@cwis.unomaha.edu (Paul W Schleck KD3FU)
steve@wattres.sj.ca.us (Steve Watt KD6GGD)

-----REMINDER-----
NO VOTES ARE BEING ACCEPTED AT THIS TIME - THIS IS FOR DISCUSSION ONLY
POST ALL REPLIES IN NEWS.GROUPS WHERE THEY CAN BE OFFICIALLY COUNTED
